



LAMP APPARATUS FOR VEHICLE

BACKGROUND OF THE INVENTION

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] The present application claims priority under 35 USC 119 to Japanese Patent Application Nos. 2003-060355, 2003-059766 and 2003-059767 all filed on March 6, 2003 the entire contents thereof are hereby incorporated by reference.

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3/7/06

Field of the Invention

[0002] This invention relates to a lamp apparatus and a blinker for a vehicle wherein a light emitting diode is used.

Description of Background Art

[0003] In recent years, vehicle lamps that use a light emitting diode as a light source are increasing. A lamp apparatus of the type mentioned uses a plurality of light emitting diodes in one lamp unit in order to secure a sufficient amount of light. Since the light emitting diodes are low in power consumption and have a long life they provide a high degree of freedom in the shaping of a lamp body. The lamp apparatus and blinker of the type described is suitable particularly for a vehicle that is limited in the space available for a lamp body like a door mirror of the type which has a blinker built therein or a motorcycle.

[0004] In recent years, a blinker apparatus for a vehicle wherein a light emitting diode is used as a light source is available. A blinker apparatus of the